

Finite element discretization

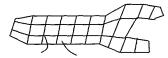
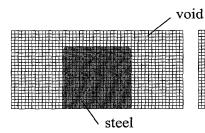
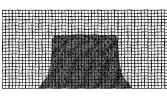


FIG. 1





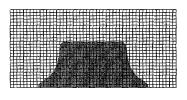


FIG. 2



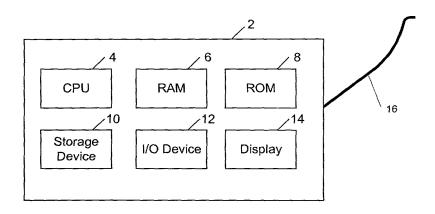




FIG. 3

U.S. Patent Application
Inventor: LARS OLOVSSON
Title: "Eulerian-Lagrangian Mapping for Finite Element Analysis"
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FIG. 4



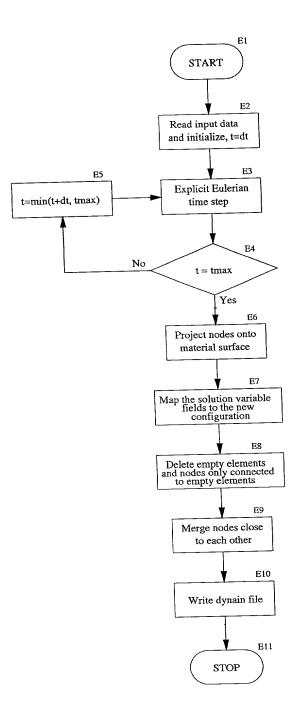


FIG. 5

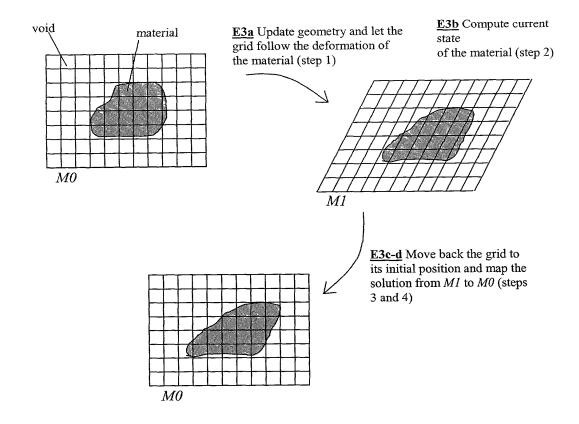
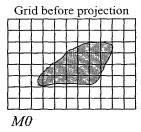
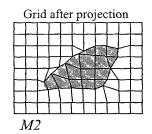
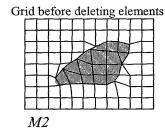


FIG. 6

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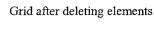




FIG. 7

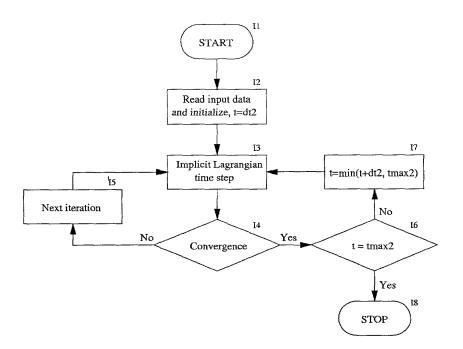
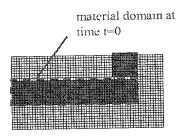
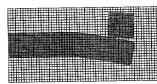


FIG. 8

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frame 1

frame 2

frame 3

FIG 9

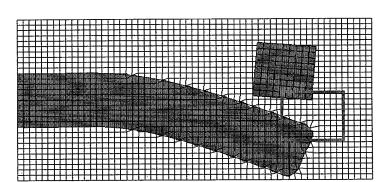


FIG. 10a

Tip of beam before projection

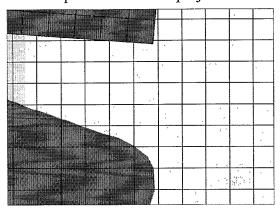


FIG. 10b

Tip of beam after projection

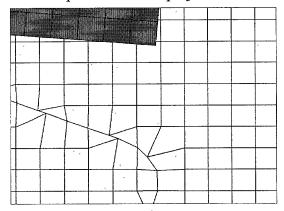


FIG. 10c

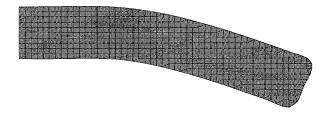


FIG. 11

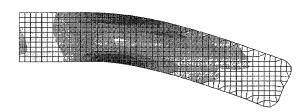
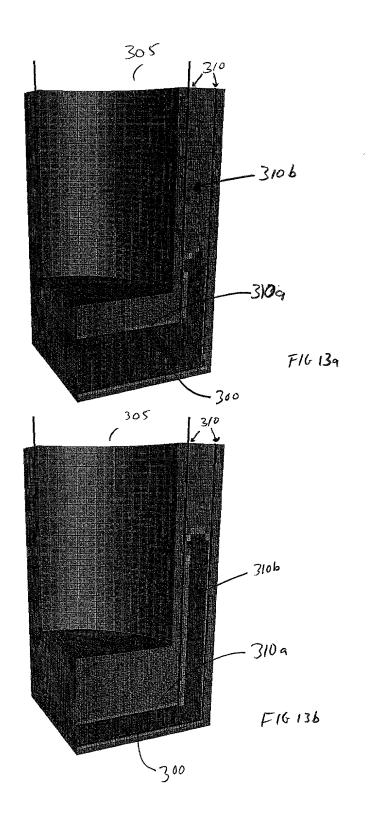




FIG. 12



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